

### **Amendments to the Claims**

The following listing of claims shall replace all prior versions, or listings of claims in this application.

### **Listing of Claims**

Claim 1-5 (canceled)

Claim 6 (Currently Amended) An isolated porcine CTLA-4 protein ~~The protein of claim 5~~ comprising the amino acid sequence of SEQ ID NO: 1.

Claim 7-34 (canceled)

Claim 35 (Currently Amended) The protein of claim ~~5~~ 6 fused to an immunoglobulin.

Claim 36 (previously presented) The protein of claim 35, wherein the immunoglobulin is a human immunoglobulin.

Claim 37 (previously presented) The protein of claim 36, wherein the human immunoglobulin is immunoglobulin gamma (IgG).

Claim 38 (previously presented) The protein of claim 37, wherein the immunoglobulin gamma comprises a constant region of the human C $\gamma$ 1 subtype.

Claim 39 (previously presented) The protein of claim 35, wherein a linker connects the porcine CTLA-4 to the immunoglobulin.

Claim 40 (Currently Amended) The protein of claim 39, wherein the linker comprises the amino acid sequence GSGGAA (~~Seq~~ SEQ ID NO: 28).

Claim 41 (Canceled)

Claim 42 (Currently Amended) An isolated extracellular domain of porcine CTLA-4 ~~comprising The isolated protein of claim 41, wherein the protein comprises amino acid sequence numbers 38-161 of Seq~~ SEQ ID No ~~NO: 1~~.

Claim 43 (Currently Amended) The protein of claim ~~41~~ 42 fused to an immunoglobulin.

Claim 44 (previously presented) The protein of claim 43, wherein the immunoglobulin is a human immunoglobulin.

Claim 45 (previously presented) The protein of claim 44, wherein the human immunoglobulin is immunoglobulin gamma (IgG).

Claim 46 (previously presented) The protein of claim 45, wherein the immunoglobulin gamma comprises a constant region of the human C $\gamma$ 1 subtype.

Claim 47 (previously presented) The protein of claim 43, wherein a linker connects the porcine CTLA-4 to the immunoglobulin.

Claim 48 (Currently Amended) The protein of claim 47, wherein the linker comprises the amino acid sequence GGSGGAA (~~Seq~~ SEQ ID NO: 28).

Claim 49 (previously presented) The protein of claim 48, wherein the protein comprises the amino acid sequence of SEQ ID NO: 3.

Claim 50 (Currently Amended) The protein of any of claims ~~5~~ 6, 35, ~~41~~ 42 or 43 in soluble form.

Claim 51-52 (canceled)